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Trans. of Ukrain[skii] Khim[icheski] Zhur[na]l (USSR)
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DESCRIPTORS: *Ion exchange resins, Electrolytes,
*Styrene plastics, Synthesis (Chemistry) Nitration,
Addition reactions, Metals, Ions, Separation.

Polynitrostyrene, polyaminostyrene and their diazotiza-
tion coupling products with: p-cresol, p-nitrophenol,
p-naphthol, resorcinol, anilid of acetoacetic acid,
benzazoresorcinol, pyrogallol, 8-oxyquinoline,
acetanilid, 1-phenyl-3-methyl-pyrazolone-5, salicylic
acid, gallic acid, anthranilic acid, chromothropic acid,
(Chemistry, TT, v. 11, no. 9) (over)

TT-64-10485

1. Title: Polyaminostyrene

2. Title: Polynitrostyrene

I. Romankevich, M. Ya.

II. Slayavskii, V. G.

III. Tsygankova, M. P.

Office of Technical Services

Romankevich, M. Ya., Shaposhnikova, Z. B., and Polyakova, V. M.

PRODUCTION OF HOMOGENEOUS ANION-EX-
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Homogeneous anion-exchange membranes were made
from the product of condensing phenol and ethylene
diamine hydrochloride with formaldehyde. The amount
of water used in the reaction mixture affected the ex-
change rate but not the capacity. The capacity and
tendency to swell increased with the proportion of
ethylene diamine, but the strength of the membrane
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1. Plastic films--Preparation

2. Ion exchange--Equipment

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